AWS Technical Essentials

COURSE OVERVIEW
This is a foundational course designed to provide participants with a comprehensive introduction to Amazon Web Services (AWS) and its core services. It covers essential AWS concepts, including computing, storage, networking, databases, security, and management tools. Participants will learn how to navigate the AWS Management Console, understand key AWS services such as EC2, S3, RDS, and VPC, and grasp basic architectural principles of AWS. This course equips learners with the knowledge needed to make informed decisions about IT solutions based on their business requirements and prepares them for more advanced AWS training.

WHO SHOULD ATTEND?
This course is ideal for individuals new to AWS, including IT professionals, developers, system administrators, solution architects, and business decision-makers who want to understand the fundamentals of AWS services and architecture. It is also suitable for those preparing to build their skills for more advanced AWS training and certifications.

COURSE OUTCOMES
Delegates will gain the skills and knowledge to;
- Recognize terminology and concepts as they relate to the AWS platform and navigate the AWS Management Console.
- Understand the foundational services, including Amazon Elastic Compute Cloud (EC2), Amazon Virtual Private Cloud (VPC), Amazon Simple Storage Service (S3), and Amazon Elastic Block Store (EBS).
- Understand the security measures AWS provides and key concepts of AWS Identity and Access Management (IAM).
- Understand AWS database services, including Amazon DynamoDB and Amazon Relational Database Service (RDS).
- Understand AWS management tools, including Auto Scaling, Amazon CloudWatch, Elastic Load Balancing (ELB), and AWS Trusted Advisor.

KEY COURSE HIGHLIGHTS
At the end of the course, you will understand;
- Introduction to AWS cloud concepts and core services.
- Overview of AWS global infrastructure and basic architecture principles.
- Hands-on experience with Amazon EC2, S3, RDS, and VPC.
- The IAM (Identity and Access Management) for secure access.
- Navigating the AWS Management Console.
- Basics of AWS storage, compute, networking, and database services.
- Insight into pricing models and billing tools.
- How to launch and manage services using AWS tools and best practices.
- Foundation for further AWS certification and training paths.

All our courses are dual-certificate courses. At the end of the training, the delegates will receive two certificates.
1. A GTC end-of-course certificate
2. Continuing Professional Development (CPD) Certificate of completion with earned credits awarded